

IN THE CLAIMS:

1. (Currently Amended) ~~A method for requesting location information from a networked entity able to provide location information;~~ The method of claim 5, also comprising:
 - generating an invocation response, said invocation response containing a location invocation document including at least an instruction directed to said networked entity to transmit location information being provided for performing location-based services being operated on a serving entity;
 - binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
 - transmitting said invocation response to said networked entity.
2. (Currently Amended) The method according to claim 1, further comprising:
 - receiving an application request, said application request containing at least an instruction for requesting location service (~~LCS~~) requiring location information to be performed;
 - parsing said application request for extracting information comprised in said application request;
 - identifying location information from the extracted information; andin case said identifying of said location information fails:
 - initiating said generating of said invocation response.
3. (Currently Amended) The method according to claim 1, further comprising:
 - encoding said location invocation document; said location invocation document being encoded as one of an extended markup language-based XML-based ~~(extended markup language)~~ location invocation document and a wireless binary extended markup language-based WBXML-based ~~(wireless binary extended markup language)~~ location invocation document.
4. (Currently Amended) The method according to claim 1,

- wherein said communication protocol is one of a hypertext transmission protocol (~~HTTP~~), a wireless application protocol (~~WAP~~) and a wireless session protocol (~~WSP~~);
 - wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol; and
 - wherein the GET procedure gets information from a web server, and the POST procedure uploads information to the web server.
5. (Previously Presented) A method for transmitting location information to a serving entity operating location-based services, comprising:
- generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting the results of said location-based services;
 - binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
 - transmitting said delivery request to said serving entity.
6. (Currently Amended) The method according to claim 5, further comprising:
- encoding said location delivery document; said location delivery document being encoded as one of an extended markup language-based XML-based (~~extended markup language~~) location delivery document and a wireless binary extended markup language-based WBXML-based (~~wireless binary extended markup language~~) location delivery document.
7. (Currently Amended) The method according to claim 5,
- wherein said communication protocol is one of a hypertext transmission protocol (~~HTTP~~), a wireless application protocol (~~WAP~~) and a wireless session protocol (~~WSP~~);
 - wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol; and
 - wherein the GET procedure gets information from a web server, and the POST procedure uploads information to the web server.
8. (Previously Presented) The method according to claim 5, further comprising:

- receiving an application request; said application request containing information in accordance with said performing of location-based services being operated on said serving entity.

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12. (Original) A software tool for handling of location information, comprising
program portions for carrying out the operations of claim 1, when said program is implemented in a computer program for being executed on a processing device, a terminal device, a communication terminal device or a network device.

13. (Original) A computer program product for handling of location information, comprising
loadable program code sections for carrying out the operations of claim 1, when said computer program is executed on a processing device, a terminal device, a communication terminal device or a network device.

14. (Original) A computer program product for handling of location information, wherein said computer program product comprises
program code sections stored on a computer readable medium for carrying out the method of claim 1, when said computer program product is executed on a processing device, a terminal device, a communication terminal device or a network device.

15. (Previously Presented) A computer data signal embodied in a carrier wave and comprising:
instructions which when executed by a processor causes the steps of claim 1 to be carried out.

16. (Previously Presented) A networked entity for transmitting location information to a serving entity operating location-based services, comprising:

- an encoder for generating a delivery request, said delivery request containing a location delivery document including location information, said location information being

provided for performing location-based services being operated on said serving entity;
said delivery request requesting the results of said location-based services;

- a communication agent for binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
- a communication interface for transmitting said delivery request to said serving entity.

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19. (Previously Presented) A system for handling of location information, comprising:

- at least one serving entity, including:
- an encoder for generating a invocation response, said invocation response containing a location invocation document including at least an instruction to said networked entity to transmit location information for being provided for performing location-based services being operated on a serving entity;
- a communication agent for binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
- a communication interface for transmitting said invocation response to said networked entity; and
- at least one networked entity, including:
- an encoder for generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting for results of said location-based services;
- a communication agent for binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
- a communication interface for transmitting said delivery request to said serving entity.

20. (Previously Presented) The system according to claim 19, wherein said at least one serving entity further comprises:

- a communication interface for receiving said delivery request from a networked entity; said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting for results of said location-based services
- a parser for extracting said location delivery document from said delivery request and parsing said location delivery document to extract said location information;
- location-based services for performing said location-based services in accordance with said delivery request and on the basis of said location information;
- an encoder for generating an application response; said application response containing information resulted from said performing of said location-based services; and
- said communication interface for transmitting said application response to said networked entity.

21. (Previously Presented) A computer program product for handling of location information, wherein said computer program product comprises program code sections stored on a computer readable medium for causing:

- generating an invocation response, said invocation response containing a location invocation document including at least an instruction directed to a networked entity to transmit location information being provided for performing location-based services being operated on a serving entity;
- binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
- transmitting said invocation response to said networked entity.

22. (Currently Amended) The computer program of claim 21, wherein the program code sections are for further causing:

- receiving an application request, said application request containing at least an instruction for requesting location service (~~LCS~~) requiring location information to be performed;

- parsing said application request for extracting information comprised in said application request;
 - identifying location information from the extracted information; and
- in case said identifying of said location information fails:
- initiating said generating of said invocation response.

23. (Currently Amended) The computer program of claim 21, wherein the program code sections are for further causing:

- encoding said location invocation document; said location invocation document being encoded as one of an extended markup language-based XML-based ~~(extended markup language)~~ location invocation document and a wireless binary extended markup language-based WBXML-based ~~(wireless binary extended markup language)~~ location invocation document.

24. (Currently Amended) The computer program of claim 21,

- wherein said communication protocol is one of a hypertext transmission protocol (~~HTTP~~), a wireless application protocol (~~WAP~~) and a wireless session protocol (~~WSP~~) and
- wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

25. (Previously Presented) A computer program product for handling of location information, wherein said computer program product comprises program code sections stored on a computer readable medium for causing:

- generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on a serving entity; said delivery request requesting the results of location-based services;
- binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
- transmitting said delivery request to said serving entity.

26. (Currently Amended) The computer program product according to claim 25, wherein the program code sections are for further causing:

- encoding said location delivery document; said location delivery document being encoded as one of an extended markup language-based XML-based ~~(extended markup language)~~ location delivery document and a wireless binary extended markup language-based WBXML-based ~~(wireless binary extended markup language)~~ location delivery document.

27. (Currently Amended) The computer program product according to claim 25,

- wherein said communication protocol is one of a hypertext transmission protocol (~~HTTP~~), a wireless application protocol (~~WAP~~) and a wireless session protocol (~~WSP~~); and
- wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

28. (Previously Presented) The computer program product according to claim 25, wherein the program code sections are for further causing:

- receiving an application request; said application request containing information in accordance with said performing of location-based services being operated on said serving entity.

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32. (Currently Amended) The networked identity of claim 16, wherein said encoder is also for encoding said location delivery document; said location delivery document being encoded as one of an extended markup language-based XML-based ~~(extended markup language)~~ location delivery document and a wireless binary extended markup language-based WBXML-based ~~(wireless binary extended markup language)~~ location delivery document.

33. (Currently Amended) The networked identity of claim 16,

wherein said communication protocol is one of a hypertext transmission protocol (~~HTTP~~), a wireless application protocol (~~WAP~~) and a wireless session protocol (~~WSP~~); and

wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

34. (Previously Presented) The networked identity of claim 16, wherein said communication interface is also for receiving an application request; said application request containing information in accordance with said performing of location-based services being operated on said serving entity.

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36. (New) An apparatus for transmitting location information to a serving entity operating location-based services, comprising:

means for generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting the results of said location-based services;

means for binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and

means for transmitting said delivery request to said serving entity.

37. (New) A system for handling of location information, comprising:
a first apparatus, wherein the first apparatus comprises

means for generating a invocation response, said invocation response containing a location invocation document including at least an instruction to said networked entity to transmit location information for being provided for performing location-based services being operated on a serving entity;

means for binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and

means for transmitting said invocation response to said networked entity; and

a second apparatus, wherein the second apparatus comprises

means for generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting for results of said location-based services;

means for binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and

means for transmitting said delivery request to said serving entity.

38. (New) A computer program product for transmitting location information to a serving entity operating location-based services, wherein said computer program product comprises program code stored on a computer readable medium for causing:

generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting the results of said location-based services;

binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and

transmitting said delivery request to said serving entity.